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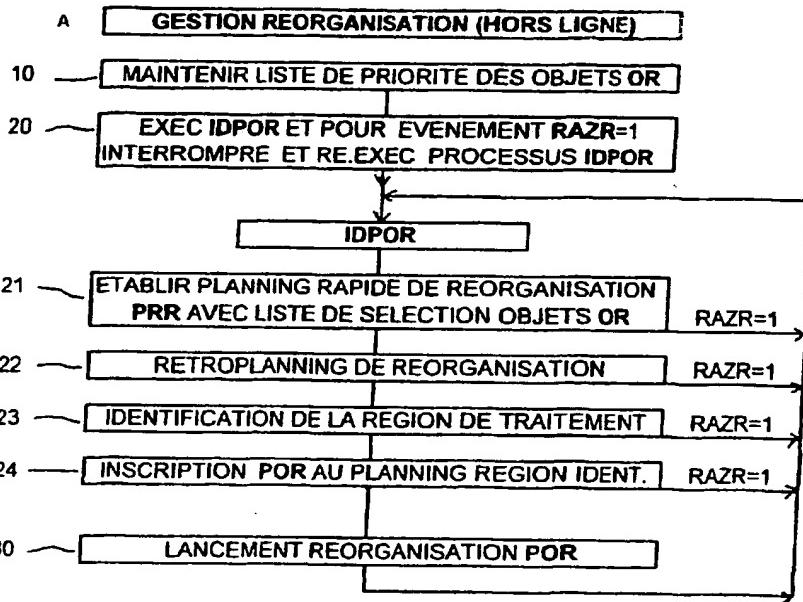
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(54) Title: METHOD FOR REORGANIZATION MANAGEMENT IN A SET OF INDEXED DATABASES OF A COMPUTER SYSTEM

(54) Titre : METHODE DE GESTION DES REORGANISATIONS DANS UN ENSEMBLE DE BASES DE DONNEES INDEXEES D'UN SYSTEME INFORMATIQUE



- A... (OFFLINE) REORGANIZATION MANAGEMENT
- 10... MAINTAINING A PRIORITY LIST OF OBJECTS (OR)
- 20... EXECUTING (IDPOR) AND FOR EVENT RAZ=1
INTERRUPTING AND RE-EXECUTION OF PROCESS (IDPOR)
- 21... ESTABLISHING RAPID PLANNING OF
REORGANIZATION (PRR) WITH LIST OF OBJECTS (OR)
- 22... REORGANIZATION RETROACTIVE PLANNING
- 23... IDENTIFYING THE PROCESSING ZONE
- 24... WRITING (POR) IN IDENTIFIED PLANNING ZONE
- 30... LAUNCHING REORGANIZATION (POR)

(57) Abstract: The invention concerns an offline reorganization management in a set of indexed databases, in particular of the tablespace type, of an information computer system comprising the following steps: (10): continuously maintaining a list (PRIOREORG) of objects to be reorganized in descending order of priority; (20) executing a process (IDPOR) of identification of the next object to be reorganized (POR) in the absence of any reappraisal event (RAZ) and comprising the following steps: (21) establishing a rapid reorganization planning (PRR) using the list (PRIOREORG) and residual operational time (TRR) and a selection list (SELECT) of objects (OR); (22) establishing reorganization retroactive planning with LIFO memory storage of objects extracted from the list (SELECT); (23) identifying the available processing zone (RTR) to reorganize the object (POR); (24) writing (POR) when the zone (RTR) is cleared in the absence of any event (RAZ); and re-executing the process (IDPOR).

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